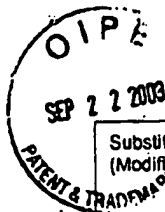


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QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/998,012</u>	Prepared by <u>NPB</u>	Tracking Number <u>0589/329</u>	
Examiner-GAU <u>UUAH-2874</u>	Date <u>3/3/04</u>	Week Date <u>1/19/04</u>	
	No. of queries <u>1FW</u>		

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<p>pto-1449: please either initial or line through citations (13 pages - copy provided for reference).</p> <p><i>Thompson</i></p>
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g. Brief Description	
h. Sequence Listing	
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j. Amendments	
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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Mark Wang et al.	
		Filing Date November 28, 2001	Group Art Unit 2874

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah	AA	5674743	10/7/1997	Ulmer			
	AB	6159749	12/12/2000	Liu			
	AC	2002/0045272	4/18/2002	McDevitt et al.			
	AD	2002/0094533	7/18/2002	Hess et al.			
	AE						
	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AJ							
	AK							
	AL							

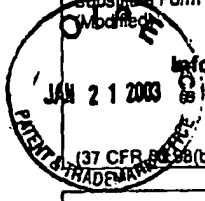
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Aullah	AM	Li, et al.; Transport, Manipulations, and Reaction of Biological Cells On-Chip Using Electrokinetic Effects; April 15, 1997; Analytical Chemistry, Vol. 69, No. 8, pgs. 1564-1568
	AN	Mihrimah et al.; Heterogeneous Integration through Electrokinetic Migration; November/December 2001; IEEE Engineering in Medicine and Biology; pgs. 144-151
	AO	Swanson, et al.; A fully multiplexed CMOS biochip for DNA Analysis; 2000; Sensors and Actuators B 64; pgs. 22-30
	AP	Zeidler; Automated chromosome analysis; August 1988; Nature, Vol. 334, No. 6183; pg. 635

Examiner Signature <i>Aullah</i>	Date Considered <i>4-7-2004</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

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Sheet 1 of 1

Substitute Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07977-304001	Application No. <del>10/081,558</del>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR 1.98(b))				Applicant S. Seo, et al.	
				Filing Date February 20, 2002	Group Art Unit

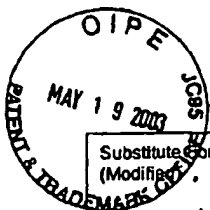


U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah	AA	5 719 467	Feb 17, 1998	Antoniadis et al.			
	AB						
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	AG						
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Sheet 1 of 1

Substitute Form PTB-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
		Applicant Mark Wang et al.	
		Filing Date November 28, 2001	Group Art Unit 2874

Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)  
(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah	AA	6,221,654	4/24/2001	QUAKE ET AL.			
	AB	2002/0005354	1/17/2002	SPENCE ET AL.			
	AC	6,344,325	2/5/2002	QUAKE ET AL.			
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Aullah	AL	WO 99/61888	2/12/1999	WIPO				
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Other Documents (include Author, Title, Date, and Place of Publication)		
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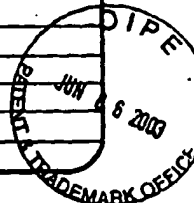
# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number 09/998,012  
Filing Date November 28, 2001  
First Named Inventor Mark Wang et al.  
Group Art Unit 2874  
Examiner Name AKM ULLAH  
Attorney Docket Number 15670-009001

Sheet 1 of 10



Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code <sup>2</sup> (if known)			
A. Ullah	US-355877		Pressman	01/26/71	
	US-3626182		Ashkin et al	12/14/71	
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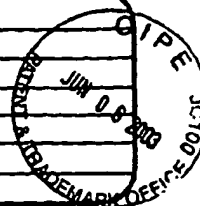
# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet **2** of **10**

## **Complete If Known**

Application Number **09/998,012**  
 Filing Date **November 28, 2001**  
 First Named Inventor **Mark Wang et al.**  
 Group Art Unit **2874**  
 Examiner Name **AKM ULLAH**  
 Attorney Docket Number **15670-009001**



Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code <sup>2</sup> (if known)			
Aula	US-5337324		Ohtsu et al	08/08/94	
	US-5338930		Chu et al	08/18/94	
	US-5343038		Nishiwaki et al	08/30/94	
	US-5355252		Haraguchi	10/11/94	
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	US-5452123		Asher et al	09/18/95	
	US-5473471		Yamagata et al	12/05/95	
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	US-5637458		Frankel et al	06/10/97	
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	US-5935507		Morito et al	08/10/99	
	US-5939718		Neal	08/17/99	
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	US-6015714		Beldaralli et al	01/18/00	

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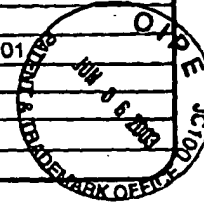
## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3** of **10**

Complete If Known

Application Number **09/998,012**  
Filing Date **November 28, 2001**  
First Named Inventor **Mark Wang et al.**  
Group Art Unit **2874**  
Examiner Name **AKM ULLAH**  
Attorney Docket Number **15670-009001**



Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Aullah	US-6033548		Ramsey	03/07/00	
	US-6055108		Grier et al	04/25/00	
	US-6067859		Kas et al	05/30/00	
	US-6071394		Cheng et al	06/08/00	
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	US-6121603		Hang et al	08/18/00	
	US-6139831		Shivashankar et al	10/31/00	
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	US-6197178	B1	Pathig et al	03/08/01	
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	US-6224732	B1	Imasaka et al	05/01/01	
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	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Aullah	WO	94/08221	A1	Warburton	04/14/94		
	WO	97/21832	A1	Eigen et al	06/19/97		
	WO	99/39190	A1	Hefti	08/05/99		
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	WO	00/23825	A2	Renn et al	04/27/00		
	WO	00/45160	A1	Hefti	08/03/00		
	WO	00/45170	A2	Hefti	08/03/00		
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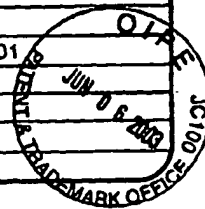
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Sheet 4 of 10

## Complete If Known

Application Number 09/998,012  
Filing Date November 28, 2001  
First Named Inventor Mark Wang et al.  
Group Art Unit 2874  
Examiner Name AKM ULLAH  
Attorney Docket Number 15670-009001



Examiner Initials	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>1</sub>
	Office <sup>a</sup>	Number <sup>a</sup>	Kind Code <sup>b</sup> (# known)				
Aullah	WO	00/54882	A1	Zhu et al	09/21/00		
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	WO	01/09606	A1	Hefli	02/08/01		
	WO	01/11333	A2	Ransom et al	02/15/01		
	WO	01/14870	A1	Becker et al	03/01/01		
	WO	01/20329	A2	Hefli	03/22/01		
	WO	01/32930	A1	Quake et al	05/10/01		
	WO	01/40454	A1	Koller et al	06/07/01		
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	EP	0556748	B1	Nishimura et al	10/28/98		
	EP	0898493	B1	Pethig et al	01/19/00		
	JP	03101419	A	Kudome et al	04/26/91		abst
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	JP	05232398	A	Isaka	09/10/93		abst
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Aullah	ACKERSON et al, "Radiation Pressure As A Technique For Manipulating The Particle Order In Colloidal Suspensions", Faraday Discuss. Chem. Soc., 83, 1987, 309-318.	
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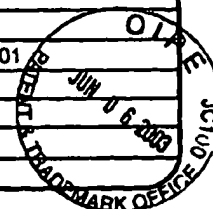
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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001



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Sheet	6	of	10

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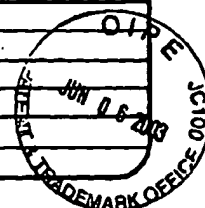
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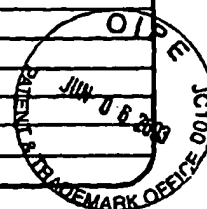
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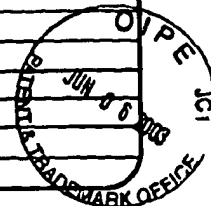
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